

Pursuant to Article 20 paragraph 4 of the Law on Safety of Products (“Official Gazette of the Republic of Macedonia” No.33/2006 and 63/2007), the Minister of Economy enacted

RULEBOOK FOR ELECTROTECHNICAL EQUIPMENT DESIGNED FOR WORK IN CERTAIN VOLTAGE RATING

Article 1

This Rulebook proscribes the essential requirements that shall met the electro technical equipment designed for use within certain limits with regards to the safety and conformity marking before it is placed on the market or put into use.

Article 2

Certain terms used in this Rulebook have the following meaning:

-“electro technical equipment” (hereinafter: “equipment”), means any equipment designed for use with a voltage rating of between 50 V and 1000 V for alternating current and between 75 V and 1500 V for direct current;

-“internal control of production,, means procedure by which a producer or its authorized representative with head office in the Republic of Macedonia qurantees that the equipment meets the requirements of this Rulebook;

-,conformity statement,, is document issued by the producer ot its authorized representative with head office in the Republic of Macedonia (hereinafter: producer or its authorized representative)

Article 3

The provisions of this Rulebook don’t apply for:

- (a) equipment for use in an explosive atmosphere;
- (b) equipment for radiology and medical purposes;
- (c) electrical parts for goods and passenger lifts;
- (d) electricity meters;
- (e) Plugs and socket outlets for domestic use;
- (f) electrical fences controllers;
- (g) radio-electrical interference; and

specialised electrical equipment for use on ships, aircraft or railways, which complies with the safety provisions determined by international bodies, in which the Republic of Macedonia is a member.

Article 4

(1) The equipment is placed on the market or put into use if it is made in accordance with good engineering practice in safety matters in the European Union and it doesn’t endanger the safety of persons, domestic animals or property when properly installed and maintained and used in applications for which it was made.

(2) The equipment may be placed on the market or put into use, if it meets the essential requirements of Article 5 of this Rulebook.

- (3) The equipment meets the essential requirements of Article 5 of this Rulebook, if it is made in accordance to the standards for electrical equipment designed for use in certain voltage limits, which are published in the List of standards by whose use it is considered that a product is safe (hereinafter: List of standards).
- (4) If the standards of paragraph (3) of this Article are still not in force, it would be considered that the equipment meets the requirements of this Rulebook and its placement on the market or put into use will not be prevented, if the equipment is made in accordance to the requirements of paragraph (2) of this Article.
- (5) The equipment is in accordance to the provisions of Article 5 of this Rulebook, if it meets the requirements for safety of the International Commission for Regulations on approving electrical equipment (CEE) or the International Electro technical Commission (IEC).
- (6) Placement on the market of equipment produced in accordance to the requirements of the standards that are in force in the country of production, and those standards are not harmonised, it shall not be restricted, if it ensures safety level equivalent to that required according to this Rulebook.
- (7) Before being placed on the market, the equipment must have affixed to it a CE marking pursuant to Article 7 of this Rulebook, attesting to its conformity to the requirements of this Rulebook, including the conformity assessment procedure, pursuant to Article 6 of this Rulebook.

Article 5

- (1) Equipment that is designed for use in certain voltage limits shall meet the following general conditions:
 - (a) the essential characteristics, the recognition and observance of which will ensure that electrical equipment will be used safely and in applications for which it was made shall be marked on the equipment or if that is not possible, in the accompanying documentation;
 - (b) the brand name or the trade mark shall be clearly printed on the equipment, and where that is not possible it is on the packing.
 - (c) the equipment together with its component parts should be made in such a way as to ensure that it can be safely and properly assembled and connected;
 - (d) equipment shall be designed and manufactured as to ensure that protection against the hazards set out in paragraphs (2) and (3) of this Article is assured, providing that the equipment is used in application for which it was made and it is adequately maintained.
- (2) Protection against hazards arising from the electrical equipment should be provided with measures of technical nature such as:
 - (a) persons and domestic animals are adequately protected against the danger of physical injury or other harm which might be caused by direct or indirect contact;
 - (b) that temperatures, arcs or radiation which would cause a danger, are not produced;
 - (c) that persons, domestic animals and property are adequately protected against non-electrical dangers caused by the equipment which are revealed by experience;
 - (d) insulation must be suitable for foreseeable conditions.
- (3) Protection against hazards which may be caused by external influences on the equipment should be ensured with measures of technical nature:

- (a) that electrical equipment meets the expected requirements for resistance to mechanical damage in such a way that persons, domestic animals and property are not endangered;
- (b) that electrical equipment shall be resistant to non-mechanical influences in expected environmental conditions, in such a way that persons, domestic animals and property are not endangered; and
- (c) that electrical equipment shall not endanger persons, domestic animals and property in foreseeable conditions of overload.

Article 6

1. A manufacturer or its authorised representative whereby establishes internal production control, who carries out the obligations laid down in paragraph (2) of this Article, to guarantee and to state that the equipment meets the provisions of this Rulebook. A manufacturer or its authorised representative must affix the CE marking to each product and draw up a written declaration of conformity.

2. The manufacturer must establish the technical documentation described in paragraph (3) of this Article and he or its authorised representative must keep it on Community territory at the disposal of the relevant national authorities for inspection purposes in a period ending at least 10 years after the last product has been manufactured. Where neither the manufacturer or its authorised representative is with head offices in the Republic of Macedonia, this obligation is the responsibility of the person who places the equipment on the market of the Republic of Macedonia.

3. The technical documentation must enable the conformity of the equipment to the requirements set out in this Rulebook to be assessed. It must, as far as relevant for such assessment, cover the design, manufacture and operation of the equipment and must include:
- a. a general description of the electric equipment,
 - b. conceptual project: operation design and manufacturing drawings and schemes of components, sub-assemblies, circuit etc.
 - c. descriptions and explanations necessary for understand of said drawings and schemes and the operation of the electric equipment,
 - d. list of standards applied in full or in part, and descriptions of the solutions adopted to safety aspects of this Rulebook, where standards have not been applied,
 - e. results of design calculations made, examination carried out, etc
 - f. tests reports.
4. The manufacturer or its authorised representative must keep a copy of the declaration of conformity with the technical documentation.
5. The manufacturer must take all measures necessary in order that the manufacturing process shall ensure compliance of the manufactured product with guarantees that the technical documentation referred to in paragraph (2) of this Article and with the essential requirements of Article 5 of this Rulebook.

Article 7

- (1) CE conformity marking referred to in Annex 1, is an integral part of this Rulebook.
- (2) The manufacturer or its authorised representative shall affix the CE conformity marking to the equipment or, failing that, to the packing, the instruction sheet or the guarantee certificate so as to be visible, easily legible and indelible.

- (3) No other marking may be affixed to the equipment, liable to deceive third parties as to the meaning and form of the CE marking. However, any other marking may be affixed to the equipment, its packaging, the instruction sheet or the guarantee certificate provided that the visibility and legibility of the CE marking is not thereby reduced.
- (4) If the competent body for market surveillance determines that CE marking is affixed unduly, then the manufacturer or its authorised representative shall be obliged to make the equipment comply with the provisions of this Rulebook concerning the CE marking. If the equipment continues to be in non-compliance, the competent body for market surveillance withdraws the equipment from the market or prohibits its further placement on the market, pursuant to Article 36 of the Law on Safety of Products.

Article 8

- (1) The manufacturer or its authorised representative may submit a request to the authorised conformity assessment body to draw up a report for that equipment that it meets the requirements of Article 5 of this Rulebook. Integral part of the request is the technical documentation and the conformity statement for the equipment, as of Article 6 of this Rulebook. If the conformity of the equipment is confirmed, the conformity assessment body make a conformity report confirming that the sample of the examined equipment meets the requirements set out in this Rulebook.
- (2) On request of the competent body for market surveillance, to other authorized conformity assessment body shall be given a sample of the equipment to make a report, actually to do the examination either the requirements of this Rulebook are assessed and gives opinion of compliance

Article 9

- (1) When the equipment is subject to other regulations concerning other aspects which also provide for affixing CE marking, then the affixed CE marking shall indicate the equipment in question is also presumed to conform the provisions and requirements of those regulations. However, where one or more of this regulations allow the manufacturer, during a certain transition period to choose which arrangement to apply, the CE marking shall indicate conformity to the provisions only of those regulation applied by the manufacturer. In this case, the applied regulations must be given in the document, notices or instructions that according to required in this Rulebook are accompanying the equipment.
- (2) In relation to connection to electrical network or delivery electricity to users, the electricity supply bodies shall ensure that stricter safety requirements than those laid down in Article 4 of this Rulebook, are not to be imposed.
- (3) If, for safety reasons, the competent body for market surveillance prohibits placing on the market of the equipment or impedes its free movement, then it shall immediately inform in written the Ministry of Economy, indicating the grounds of its decisions and stating the reasons in particular :
 - a. whether its non-conformity with the provisions of Article 4 of this Rulebook, is attributable to a shortcoming to the national standards and
 - b. whether its non-conformity with the provisions of Article 4 of this Rulebook, is attributable to faulty application of such standards or to failure to comply with good engineering practice.

- (4) If the producer or its authorised representative object the decision made, the competent body for market surveillance request an opinion for conformity from an authorised conformity assessment for electric equipment, which is not included in the procedure of Article 8 of this Rulebook.

Article 10

The provisions of this Rulebook, as referred to CE marking, shall apply on the day of accession of the Republic of Macedonia in the European Union or entering into force of a relevant protocol for conformity assessment with the European Community and its member states (ACCA), as well, appointing of authorized conformity assessment body to notified body in the European Commission.

Article 11

- (1) Until the accession of the Republic of Macedonia in the European Union, a manufacturer or its authorised representative with head office in the Republic of Macedonia shall by affixing of conformity mark to place on the market or put into use products that meet the essential requirements set out in the provisions of this Rulebook.
- (2) In case of paragraph (1) of this Article, the manufacturer or its authorised representative with head office in the Republic of Macedonia shall provide a certificate of conformity of products from a competent conformity assessment body, as registered in the Republic of Macedonia, according to the procedures of conformity assessment set out in the provisions of this Rulebook.

Article 12

- (1) Until the accession of the Republic of Macedonia in the European Union or entering into force of a relevant protocol for conformity assessment with the European Community and its member states (ACCA) or entering into force of relevant bilateral agreement for mutual recognition of documents, each imported product before placing on the market in the Republic of Macedonia shall accompany a certificate for conformity given by authorised body registered in the Republic of Macedonia.
- (2) The certificate for conformity of paragraph (1) of this Article is issued on the basis of conformity statement of the manufacturer, conformity report of the manufacturer in compliance with the procedure of conformity assessment to which the assessment is made, issued by authorised body, referred to the results of relevant tests performed and analysis of the limit of compliance with the essential requirements set out in the provisions of this Rulebook.
- (3) The certificate of conformity of paragraph (1) of this Article is issued for any type of products and shall be an integral part of the accompanying documentation of each product.

Article 13

On the day of entry into force of this Rulebook ceases to be valid the Rulebook on electrical equipment designed for use in certain voltage rating ("Official Gazette of the Republic of Macedonia" No. 127/06).

Article 14

This Rulebook enters into force on the eight day of its publishing in the "Official Gazette of the Republic of Macedonia".

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June 16, 2009
Skopje

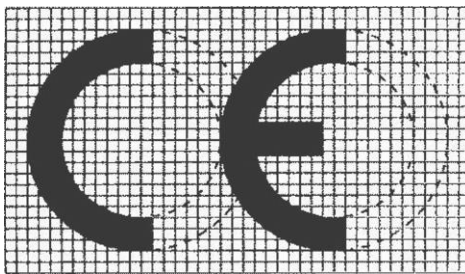
Minister
Fatmir Besimi

ANNEX 1

CE MARKING OF CONFORMITY AND EC DECLARATION OF CONFORMITY

A. CE marking of conformity

CE marking of conformity shall consist of the initials "CE" in the following form:



- If CE marking is reduced or enlarged, the proportions given in the above graduated drawing must be respected.
- CE marking must have substantially vertical dimension which may not be less than 5mm.

B. EC declaration of conformity

EC declaration of conformity must contain the following elements:

- name and address of the manufacturer or its authorized representative
- a description of the electrical equipment,
- referring to the harmonised standards,
- where appropriate, references to the specifications with which conformity is declared,
- identification of signatory who has been empowered to enter into commitments on behalf of the manufacturer or its authorized representative,
- the last two digits of the year in which the CE marking was affixed.